

Converting Colors

$Y_{xy}(21.7183, 0.3169, 0.2098)$

Have a look what the booklet for
Yxy(21.7183, 0.3169, 0.2098)
contains.

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Color

Yxy(21.6882, 0.3171, 0.2098)

Conversions

Conversions Part 1

Format	Color
Hex	B95DBA
RGB	185, 93, 186
RGB Percent	73%, 36%, 73%
CMY	0.2746, 0.6352, 0.2706
CMYK	0.01, 0.50, 0.00, 0.27
HSL	299°, 40%, 55%
HSV	299°, 50%, 73%
XYZ	32.7804, 21.6882, 48.9070
YIQ	131.1100, 24.9790, 48.4270

Conversions

Conversions Part 2

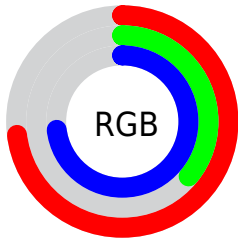
Format	Color
R_{YB}	185, 93, 186
Decimal	12148154
CIE _{Lab}	53.69, 50.23, -33.00
CIE _{LCh}	54, 60.105, 326.694
Yxy	21.6882, 0.3171, 0.2098
Android (android.graphics.Color)	4290338234 (0xFFB95DBA)
YUV	131.1100, 27.0608, 47.2615
Hunter-Lab	46.5706, 44.1452, -29.6651

Details

The Yxy color **21.6882, 0.3171, 0.2098** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **38.2855, 0.3061, 0.4851**, and the grayscale version is **22.6350, 0.3127, 0.3290**.

A 20% lighter version of the original color is **46.3329, 0.3181, 0.2324**, and **7.8628, 0.3163, 0.1764** is the 20% darker color. If you saturate the color by 10%, you get **18.7858, 0.3177, 0.1907**, and if you desaturate by 10%, it is **25.3866, 0.3164, 0.2317**.

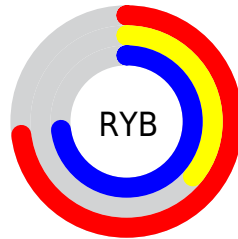
Distribution



Red (73%)

Green (36%)

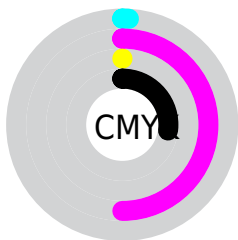
Blue (73%)



Red (73%)

Yellow (36%)

Blue (73%)

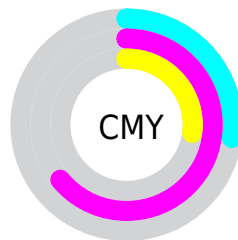


Cyan (1%)

Magenta (50%)

Yellow (0%)

Black (27%)



Cyan (27%)


Magenta (64%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 21.6882, 0.3171, 0.2098 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 21.6882, 0.3171, 0.2098 by changing the saturation by 10% instead.


 21.6882, 0.3171,
0.2098


 21.6882, 0.3171,
0.2098


260.9136, 0.3170,
0.2700


 13.6280, 0.3163,
0.1949


 46.2301, 0.3177,
0.2317

 7.8624, 0.3147,
0.1760


 63.4806, 0.3177,
0.2399

 4.0070, 0.3116,
0.1514


 84.5633, 0.3176,
0.2469

 1.6775, 0.3051,
0.1189

 109.8626, 0.3176,
0.2528

 0.4090, 0.2944,
0.0642

139.7629, 0.3174,
0.2580

 0.0000, 0.2517,
0.0000

174.6485, 0.3173,

 0.0000, 0.0000,

0.2625

0.0000

214.9040, 0.3172,
0.2665

■ 21.6882, 0.3171,
0.2098

■ 21.6882, 0.3171,
0.2098

■ 18.7858, 0.3177,
0.1907

■ 25.3866, 0.3164,
0.2317

■ 16.6178, 0.3181,
0.1752

■ 29.9307, 0.3155,
0.2554

■ 15.1187, 0.3183,
0.1638


■ 35.3696, 0.3146,
0.2801


■ 14.2098, 0.3183,
0.1565

■ 41.7480, 0.3137,
0.3048


■ 13.7322, 0.3182,
0.1527


■ 49.1074, 0.3127,
0.3290

 13.7316, 0.3182,
0.1527

 57.4868, 0.3118,
0.3521

 66.9232, 0.3109,
0.3739

 77.4518, 0.3101,
0.3940

 85.6040, 0.3095,
0.4072

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



21.6882, 0.2226, 0.1809



21.6882, 0.3171, 0.2098



21.6882, 0.4289, 0.2613

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



21.6882, 0.3171, 0.2098



21.6882, 0.4640, 0.4716



21.6882, 0.1493, 0.2836

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



21.6882, 0.3171, 0.2098



38.2855, 0.3061, 0.4851

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



21.6882, 0.1961, 0.4025



21.6882, 0.3171, 0.2098



21.6882, 0.3770, 0.5261

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



21.6882, 0.3171, 0.2098



21.6882, 0.5169, 0.3978



21.6882, 0.2794, 0.5090



21.6882, 0.1404, 0.2094

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



21.6882, 0.3171, 0.2098



21.6882, 0.4886, 0.3038



21.6882, 0.2794, 0.5090



21.6882, 0.1604, 0.3194

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



21.6892, 0.3171, 0.2098



69.3781, 0.3142, 0.2919



13.9803, 0.2189, 0.1755



14.7495, 0.3144, 0.2866



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



21.6892, 0.3171, 0.2098



33.6000, 0.3177, 0.1890



20.1950, 0.3775, 0.2631



9.1576, 0.3136, 0.3065



9.2416, 0.3183, 0.1527



0.3274, 0.3190, 0.1531

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



19.0790, 0.4502, 0.3280



28.3433, 0.4999, 0.3280



39.2756, 0.2773, 0.4085



9.0138, 0.3286, 0.3288



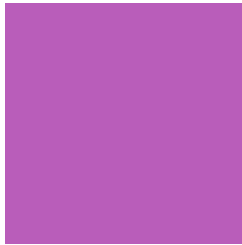
7.0268, 0.6387, 0.3292



0.2482, 0.6329, 0.3260

Previews

White Background



This preview shows how the Yxy color 21.6882, 0.3171, 0.2098 looks on a white background.

Color Contrast Check

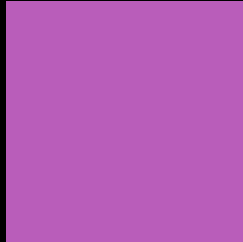
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Yxy color 21.6882, 0.3171, 0.2098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

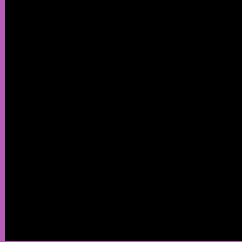
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 21.6882, 0.3171, 0.2098

Background



This preview shows how black text looks on a background with the Yxy color 21.6882, 0.3171, 0.2098.

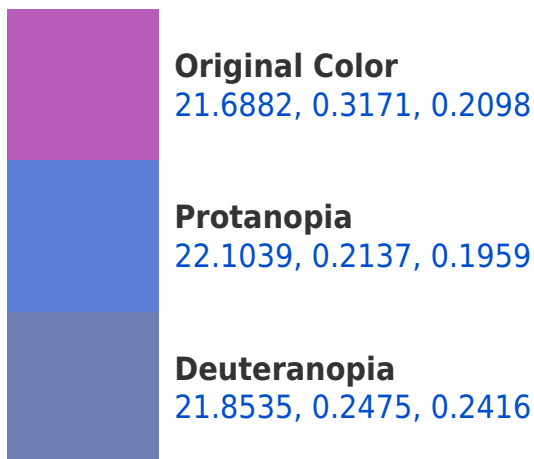


This preview shows how white text looks on a background with the Yxy color 21.6882, 0.3171, 0.2098.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Tritanopia

21.8070, 0.3926, 0.3174

Trichromacy



Original Color

21.6882, 0.3171, 0.2098



Protanomaly

20.8299, 0.2404, 0.1962



Deuteranomaly

21.0421, 0.2691, 0.2260



Tritanomaly

21.5871, 0.3639, 0.2734

Monochromacy



Original Color

21.6882, 0.3171, 0.2098



Achromatopsia

22.6966, 0.3127, 0.3290



Achromatomaly

21.5363, 0.3153, 0.2748

CSS Examples

Text

The CSS property to change the color of the text to Yxy 21.6882, 0.3171, 0.2098 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(185, 93, 186)` looks like.

```
.text, #text, p{  
    color:rgb(185, 93, 186)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(185, 93, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 93, 186) }
```

Border

The CSS property to change the border of an element to Yxy 21.6882, 0.3171, 0.2098 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 93, 186) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(185, 93, 186) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(185, 93, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 93, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 93, 186);  
box-shadow:4px 4px 4px 4px rgb(185, 93,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 21.6882, 0.3171, 0.2098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 93, 186) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(185, 93,  
186) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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